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(11) Publication number:

0 599 321 A1

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 93119032.6

(51) Int. Cl.⁵: F02D 33/02, F02B 37/12

(22) Date of filing: 25.11.93

(30) Priority: 27.11.92 IT T0920964

(43) Date of publication of application:
01.06.94 Bulletin 94/22

(64) Designated Contracting States:
CH DE ES FR GB IT LI SE

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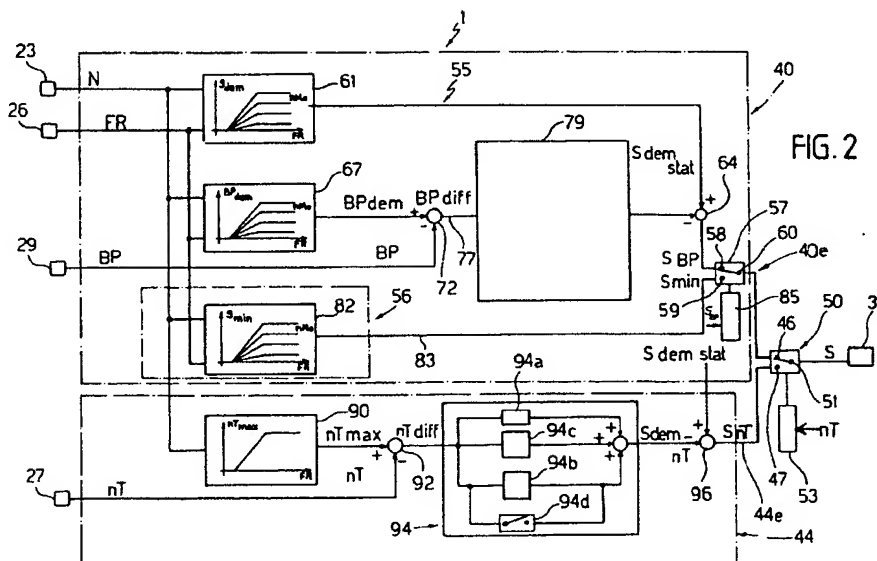
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(54) Electronic control system for the speed of rotation of a variable geometry turbocompressor.

(57) An electronic control system (1) for a variable geometry turbocompressor applied to a diesel engine, in which a first circuit (40) produces, in response to input signals (N, FR, BP), a first closed-loop piloting signal supplied to an actuator (31) which modifies the geometrical characteristics of the turbocompressor. The system further comprises a

second circuit (44) which receives as input a measurement signal (nT) proportional to the speed of rotation of the turbocompressor and generates a second piloting signal which is supplied to the actuator (31) when the measurement signal (nT) exceeds a stored limit value (nT_{max}).



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